

ABSTRACT

In a brake system for a linear actuator comprising: a pair of guide rail members (4), a table (3) including at least a pair of sliders (2a to 2d) which slide along the guide rail members, a linear motor (6 and 7) for actuating the table along the guide rail members, and a brake unit incorporated in one of the sliders, the one slider is provided with a moveable slide block (16) that is supported by the slider (2a) so as to be moveable toward and away from the guide rail surface and a power actuator (8a and 8b, 21 and 30) for selectively moving the slide block toward the guide rail surface. The sliders thus serve the dual purposes of guiding the motion of the table along the guide rail and braking the motion of the table.